

REMARKS

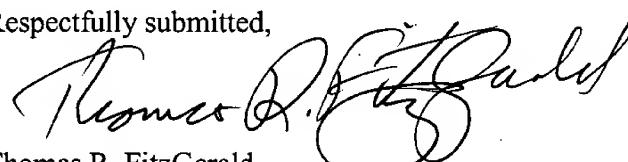
Applicants file this request for continued examination under 37 CFR 1.114(d).

Applicants request withdrawal of the appeal and continued prosecution based upon the claims in the foregoing amendment. The claims as amended are patentably distinguished from the art of record for all of the reasons given in applicants earlier responses to prosecution and for particular differences between the structure of the claims as amended and the art of record.

Claim 1 defines a structure where all of the D+, T- and T+ and N+ regions are on one surface of the device. In one embodiment, such a structure will define a lateral power diode. Another feature of the claims as amended is the definition of the curving junction between the T-doped well and the N-doped layer. It is this curving junction that, in accordance with the other limitations of the claims, reduces the electrical field across the D+ dopes region. The reduced electric field in that curved region of the T- doped well proves the overall performance of the device as defined in the specification.

Claim 1 as amended is not shown or suggested by the art of record. Claims 9 and 10 are cancelled. Claim 1 and its remaining dependent claims are patentable over the art of record and an notice of allowance is respectfully requested.

Respectfully submitted,


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